

## CLAIMS:

1. A diagnostic imaging system (1) , in particular a magnetic resonance imaging system, comprising
  - a control system (2) to control the execution of operational items by the diagnostic imaging system and
  - 5 - a user interface (3) coupled to the control system, the user interface including a scheduler module (4) which generates an ordered selection of operational items.
2. A diagnostic imaging system as claimed in Claim 1, wherein
  - the operational items have respective parameter settings and
  - 10 - the scheduler module is set up to form the ordered selection of operational items on the basis of their respective parameter settings.
3. A diagnostic imaging system as claimed in Claim 1, wherein
  - the control system controls the execution of operational items on the basis of an
  - 15 execution list and
  - the scheduler releases operational items according to the ordered selection.
4. A diagnostic imaging system as claimed in Claim 3, wherein the scheduler releases operational items in dependence of successful completion of preceding operational
- 20 items of the ordered selection.
5. A diagnostic imaging system as claimed in Claim 1, wherein the scheduler module is provided with a memory, in particular a database with a browser, to store scan schedules.
- 25 6. A diagnostic imaging system as claimed in Claim 1, wherein the scheduler module is arranged to issue instructions to the user prompted by the operational items.

7. A diagnostic imaging system as claimed in Claim 1, wherein the scheduler module is arranged to make available to the user interface a description of the operational item, in particular in dependence of the operational item being released to the execution list.
- 5 8. A diagnostic imaging system as claimed in Claim 1, wherein the scheduler module is arranged to provide progress information to the user interface, said progress information being related to the way the execution of operational items is advancing.
9. A magnetic resonance imaging system, in particular as claimed in Claim 1,  
10 and including a displaceable patient support wherein the control system is set up to
- displace the patient support among various imaging positions and
  - conduct several imaging sequences at individual imaging positions and to
- alternate performance of the several imaging sequences with the displacement of the patient support among the various imaging positions.